# PCIe Serial Card 2 Ports

## User Manual

### Ver. 1.00

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**Respective owners.**

## *Features and Benefits*

Features
- Compliant with PCI Express Base Specification 1.0a
- Supports 2 x UART serial port
- Build in 16C550 compatible UART with 16 byte transmit-receive FIFO
- Data transfer rate up to 230400bps

Bus
- PCI-Express X1

Connectors
- 2 x 9 pins serial connectors

## *Package Contents*

- PCIe Serial Card 2 Ports
- Driver CD
- User Manual

## *System Requirements*

- Windows® 2000/XP/Server 2003
- PCI Express-enabled system with an available PCI Express slot

## *Hardware Installation*

1. Turn Off the power to your computer.

2. Unplug the power cord and remove your computer's cover.

3. Remove the slot bracket from an available PCIe slot.

4. To install the card, carefully align the card's bus connector with the selected PCIe slot on the motherboard. Push the board down firmly.

5. Connect the system power source to the board's power connector.

6. Replace the slot bracket's holding screw to secure the card.

7. Replace the computer cover and reconnect the power cord.

## *Driver Installation*

Please make sure the board is installed before proceeding with driver installation.

### *For Windows® 2000*

1. At the **Found New Hardware Wizard**, click **Next**.

2. Select **Search for a suitable driver for my device(recommended)**, and click **Next**.

3. Check **Specify a location**, uncheck the other boxes, then click **Next**.

4. Insert the Driver CD, type in **D:\PCIe\2S\2000**, then click **OK**. (Change **D:** to match your CD-ROM driver letter)
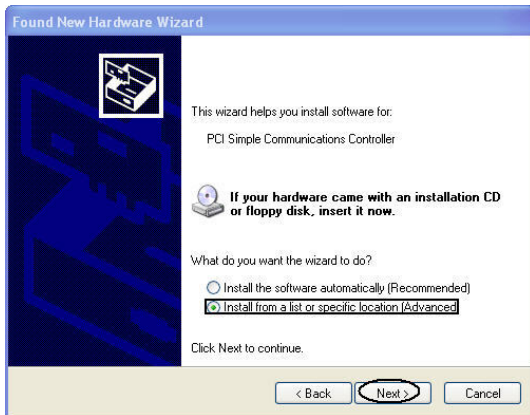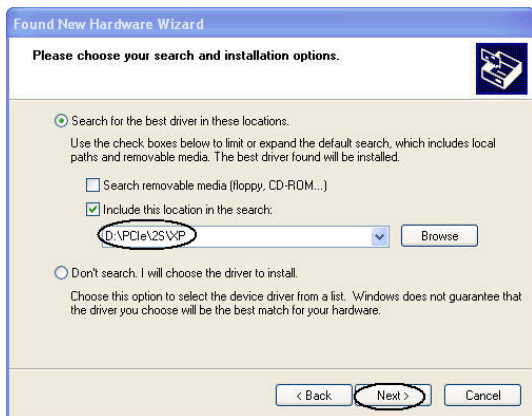


5. Click **Next** and **Finish**.

6. Restart Windows to complete the installation.

## *For Windows® XP*

1. At the **Found New Hardware Wizard**, select **Install from a list or specific location(Advanced)**, then click **Next**.
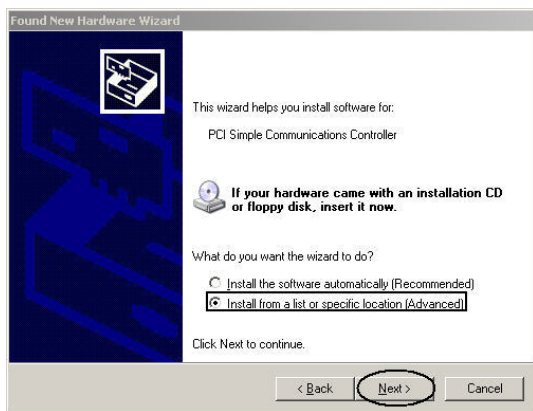


2. Insert the Driver CD, check **Include this location in the search,** uncheck the other box, type in **D:\PCIe\2S\XP**, then click **OK**. (Change **D:** to match your CD-ROM drive letter)

3. If the **Hardware Installation** window pops up, click **Continue Anyway**, then **Finish**. Our driver has been thoroughly tested for stability and compatibility.

4. Repeat steps **1-3** two more times.

5. Restart Windows to complete the installation.

## *For Windows® Server 2003*

1. At the **Found New Hardware Wizard**, select **Install from a list or specific location (Advanced)**, then click **Next**.

2. Insert the Driver CD, check **Include this location in the search,** uncheck the other box, type in **D:\PCIe\2S\2003**, then click **OK**. (Change **D:** to match your CD-ROM drive letter)
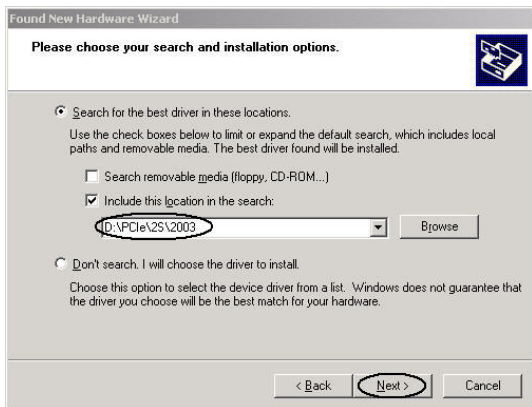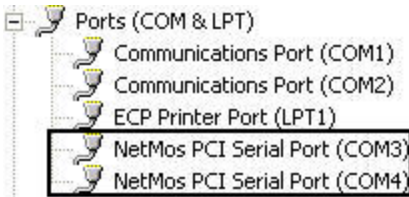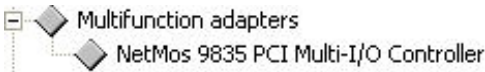
3. If the **Hardware Installation** window pops up, click **Continue Anyway**, then **Finish**. Our driver has been thoroughly tested for stability and compatibility.

4. Repeat steps **1-3** two more times.

5. Restart Windows to complete the installation.


## *To Verify Windows® 2000/XP/Server 20003 Installation*

1. Right click **My Computer**, then click **Manage**. Click **Device Manager**.

2. Click on the +(plus sign) in front of **Ports(COM & LPT)**, two **NetMos PCI Serial Port …** should be displayed.

```
白 ♔ Ports (COM & LPT)
    ♔ Communications Port (COM1)
    ♔ Communications Port (COM2)
    ♔ ECP Printer Port (LPT1)
    ♔ NetMos PCI Serial Port (COM3)
    ♔ NetMos PCI Serial Port (COM4)
```

3. Double click **Multifunction adapters**, **NetMos 9835 PCI Multi-I/O Controller** should be displayed.

```
白 ◇ Multifunction adapters
      ◇ NetMos 9835 PCI Multi-I/O Controller
```

## *Change COM Port Address*

Some serial devices need a specific COM port in order to work. If your serial devices works properly, do not change this settings.

### *For Windows® 2000/XP/Server 20003 Installation*

1. From the **Device Manager** window double click **Ports(COM & LPT)**, then double click the **NetMos PCI Serial Port** you want to change.

2. Click **Settings** tab and click **Advanced**.

3. Click the down arrow that is next to the **COM Port Number** box, select a COM port that is not in use, then click **OK**.

4. Click **OK**, then close **Device Manager** to save the changes. Follow steps **1-4** again to change the second serial port if needed.